

## NISTTech

### Methods for Reducing Wear on Silicon Carbide Ceramic Surfaces

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#### Abstract

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Methods for reducing wear on silicon carbide ceramic surfaces comprise contacting the surface with a lubricating oil composition including an organic sulfide. Preferred organic sulfides are of the formula  $R^1-S-(S)_n-R^2$  wherein  $R^1$  and  $R^2$  are individually selected from the group consisting of alkyl, aryl, arylalkyl and alkaryl groups and hydrogen, but not both  $R^1$  and  $R^2$  are hydrogen, and n is 0, 1 or 2.

#### Inventors

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#### References

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- U.S. Patent # 5,344,577 issued 09-06-1994, expired 05/14/2012
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#### Status of Availability

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This technology is available in the public domain.

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